

780-257HD

Heavy Duty
Full Surface Hinge



Application:

- Double hinge for hanging two entrance doors from a fixed mullion
- Security moldings
- 1/16" (1.5 mm) inset

PRODUCT SPECIFICATIONS

CLEARANCE:

- 1/32" (1mm) minimum recommended between mullion and door, plus standard lockside clearance - 1-1/2" (38mm) to 2-1/4" (57mm) mullion width
- 1-5/8" (41 mm) minimum frame face required plus 3/16" (5 mm) rotational clearance

FASTENERS:

- 1/4-20 x 1-1/4" Sexbolt (Screw + Post) - (total for both 052A and 052B)
- #12-24 X 11/16" Pan Head Self-Drill Screws

LENGTH OPTIONS:

- Standard and Custom

DOOR REINFORCEMENT:

- None required

FRAME REINFORCEMENT:

- None required to 200 lbs. Heavier weigh use 16-gauge channel.

FIRE RATING:

- Up to 3 hr. metal and 90 min. wood composite (with studs)

WARRANTY:

- All Roton products have a lifetime warranty. When ordering electric Roton, the electric portion of the hinge has a one-year warranty.

MATERIAL:

- Aluminum 6063-T6

EPD:

- [Roton Continuous Hinges Environmental Product Declaration](#)

PRODUCT SIZE OPTIONS

LENGTH (INCHES)	LENGTH (MM)	SEX BOLTS (DOOR)	PAN HEAD (DOOR)	SCREWS (JAMB)
79	2007	16	34	17
83	2108	16	38	19
85	2159	16	38	19
95	2413	20	38	19
119	3023	24	46	23